

**ABSTRACT OF THE DISCLOSURE**

A hardened steel part of complex shape is made from a workpiece by first heating the workpiece to an annealing temperature. Then, while the workpiece is still at the annealing temperature, the workpiece is rapidly deformed by a machine into an intermediate shape. The deformed workpiece is then moved from the machine to a press, and, while the workpiece is still at the annealing temperature, it is deformed in the press to the complex shape and then held in the press to harden the workpiece.